

06171-105075-3109

Select CX

DELPHION

RESEARCH

PRODUCTS

INSIDE DELPHION

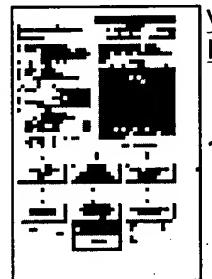
INPADOC Search Results

My Account

Search: Quick/Number Boolean Advanced Derwent

The Delphion Integrated ViewGet Now: PDF | More choices...Tools: Add to Work File: Create new Work File View: INPADOC | Jump to: Title: **JP63215694A2: 2'-DEOXY-2'(S)-ALKYLPYRIMIDINE NUCLEOSIDE DERIVA**Derwent Title: 2'-Deoxy-2'(S)-alkyl:pyrimidine nucleoside derivs. - used as active component in antiviral drugs [\[Derwent Record\]](#)

Country: JP Japan

Kind: A (See also: [JP06099467B4](#))

Inventor: UEDA TORU;

MATSUDA AKIRA;

TAKENUKI KENJI;

MACHIDA HARUHIKO;

Assignee: YAMASA SHOYU CO LTD

[News, Profiles, Stocks and More about this company](#)

Published / Filed: 1988-09-08 / 1987-03-04

Application Number: JP1987000049540

IPC Code: C07H 19/09; C07H 19/10; A61K 31/70; C07H 19/06; C07H 19/067;

Priority Number: 1987-03-04 JP1987000049540

Abstract: NEW MATERIAL: A compound expressed by formula I (R1 is amino or OH; R2 is H or lower alkyl; R3 is lower alkyl; R4 is H or phosphoric acid residue) or salt thereof.

EXAMPLE: 2'-Deoxy-2'(S)-methylcytidine.

USE: An antiviral agent.

PREPARATION: A saccharide part at the 2'-position of a compound expressed by formula II (R5 is alkoxy; Z is protecting group) is alkylated with an alkylating agent to provide a compound expressed by formula III. The OH group at the 2'-position of the compound expressed by formula III is then acylated, reduced with a reducing agent and deprotected to afford a compound expressed by formula IV. The base part at the 4-position of the compound expressed by formula IV is subsequently hydrolyzed or aminated and, as desired, the saccharide part at the 5'-position is then phosphorylated.

COPYRIGHT: (C)1988,JPO&Japio

INPADOC Legal Status: None [Get Now: Family Legal Status Report](#)[Show 2 known family members](#)

Forward References: Go to Result Set: Forward references (2)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
<input type="checkbox"/>	US6914054	2005-07-05	Sommadossi; Jean-Pierre	Idenix Pharmaceuticals, Inc.	Methods and composition for treating hepatitis C via 2'deoxy-2'-alkyl nucleotides
					2'deoxy-2'-alkyl nucleotides

	US5627053	1997-05-06	Usman; Nassim	Ribozyme Pharmaceuticals, Inc.	containing nucleic acid
---	-----------	------------	---------------	-----------------------------------	-------------------------

Other Abstract
Info:

[DERABS C88-295964](#) [DERC88-295964](#)

 Inquire
Regarding
Licensing

Powered by  Verity



[Nominate this for the Gallery...](#)

THOMSON
* --- *

Copyright © 1997-2005 The Thomson Corp
[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)